## USING REAL RANDOM NUMBER GENERATOR AS PROOF OF TIME

## ABSTRACT OF THE DISCLOSURE

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A truly random sequence of bits is transmitted from a transmitter, such that a receiver can receive and store a portion of the transmission for the duration of time that the receiver is within range of the transmitter. Thereafter, the stored sequence in the receiver is compared to a stored copy of the continuous transmission to determine the time that the stored sequence was transmitted. If the sequence of bits is truly random, the security of the system is assured.